

Converting Colors

Hex(001B2A)

Have a look what the booklet for
Hex(001B2A) contains.

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Color

Hex(001B2A)

Conversions

Conversions Part 1

Format	Color
Hex	001B2A
RGB	0, 27, 42
RGB Percent	0%, 11%, 16%
CMY	1.0000, 0.8941, 0.8353
CMYK	1.00, 0.36, 0.00, 0.84
HSL	201°, 100%, 8%
HSV	201°, 100%, 16%
XYZ	0.8099, 0.9510, 2.3314
YIQ	20.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

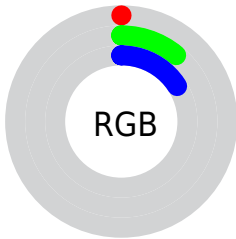
Format	Color
RYB	0, 16, 42
Decimal	6954
CIELab	8.58, -3.79, -13.16
CIELCh	9, 13.699, 253.923
Yxy	0.9510, 0.1979, 0.2324
Android (android.graphics.Color)	4278197034 (0xFF001B2A)
YUV	20.6370, 10.5320, -18.0986
Hunter-Lab	9.7521, -2.2428, -7.3476

Details

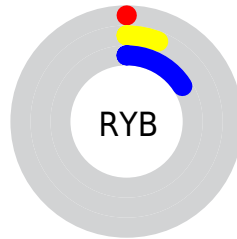
The Hex color **001B2A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2A0F00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **2F4657**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001B2A**, and if you desaturate by 10%, it is **041C2A**.

Distribution



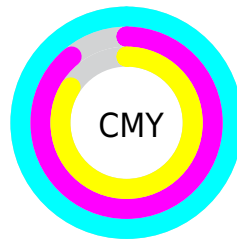
- Red (0%)
- Green (11%)
- Blue (16%)



- Red (0%)
- Yellow (6%)
- Blue (16%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B2A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 001B2A by changing the saturation by 10% instead.

 001B2A

 001B2A

 E5FEFF

 000116

 2F4657

 000000

 465E70

 5F7689

 7890A4

 92AABF

 ADC6DA

 C9E2F7

 001B2A

■ 041C2A

■ 081E2A

■ 0D1F2A

■ 11212A

■ 15222A

■ 19242A

■ 1D252A

■ 22272A

■ 26282A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



001D25



001B2A



11182A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



001B2A



2A1115



111C07

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



001B2A



2A0F00

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1C1900



001B2A



291309

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



001B2A



27121E



241600



011D13

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



001B2A



1B1628



241600



151B03

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



001B2A



253036



002A0F



12181C



9C9C9C



1C1C1C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



001B2A



002236



00062A



121414



003654



0088D4

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2A001B



360022



2A2400



141214



540036



D40088

Previews

White Background



This preview shows how the Hex color 001B2A looks on a white background.

Color Contrast Check

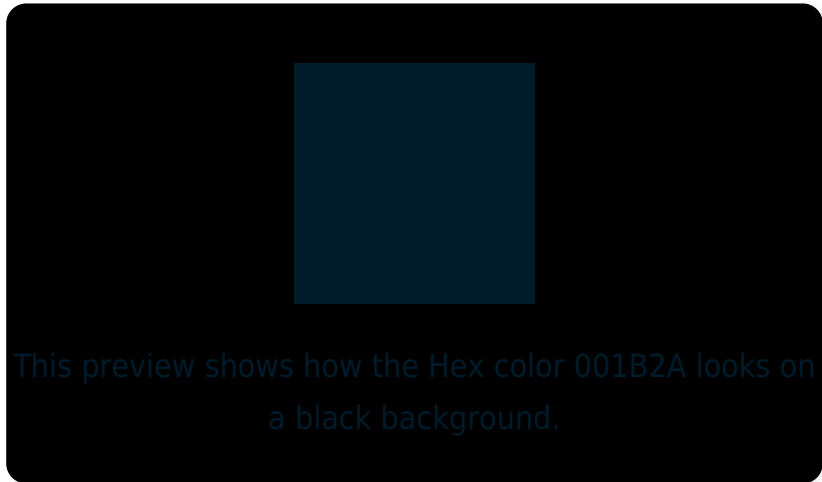
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

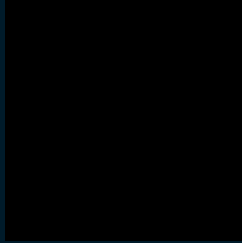
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 001B2A Background



This preview shows how black text looks on a background with the Hex color 001B2A.



This preview shows how white text looks on a background with the Hex color 001B2A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
001B2A

Protanopia
141928

Deuteranopia
0F1A2A



Tritanopia
001D1F

Trichromacy



Original Color

001B2A

Protanomaly

0D1A29

Deuteranomaly

0A1A2A

Tritanomaly

001C23

Monochromacy



Original Color

001B2A

Achromatopsia

151515

Achromatomaly

0D171D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B2A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #001B2A looks like.

```
.text, #text, p{  
    color:#001B2A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #001B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B2A
}
```

Border

The CSS property to change the border of an element to Hex 001B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

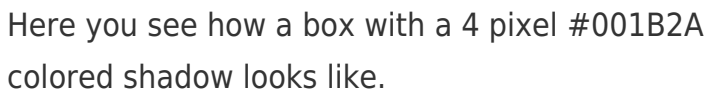
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001B2A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#001B2A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #001B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B2A; -webkit-box-shadow:4px 4px  
4px 4px #001B2A; box-shadow:4px 4px 4px  
4px #001B2A }
```

Background

The CSS property to change the background color of an element to Hex 001B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B2A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#001B2A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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